

Product datasheet for **RN204892**

Bod1 (NM_001013854) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bod1 (NM_001013854) Rat Untagged Clone
Tag: Tag Free
Symbol: Bod1
Synonyms: Fam44b; RGD1305622
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204892 representing NM_001013854
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAAAGGTCGTTGGTGACGCTATTAGACGAGCGCCAGCAGCGCGGCCAGCGGGGAGCGCCGTGGTCT
CGCGCCTCCCACCTGCCGCTCCGTCGCCGCCACCTCCGTGGGGCCCTCCGTGTCTGCGCAGCGCGGC
CCACGGCTCCCGAGGAGCAGCCGAGCAGGGGTGGGCACGGGGCGCAGCCATGGCGGACAGTGCGGGA
GCAGGTGCGGCGGCCAGGCCTCGGACCAGCGGGGGCTCGAGTGGGGCGGGCGGCACGGTCAACCCCG
CTTCGCTCCCTCCGGGAGACCCGAGCTCATCGCTCTTATAGTGGAGCAGCTCAAGAGCCGTGGCCTGTT
TGATAGCTTCGCGGGGACTGCCTGGCCGACGTGGACACTAAGCCAGCTTACCAGAACCTGAGGCAGAAG
GTGGATAATTTGTATCGACACATCTGGACAAACAGGAATGGAATCCTGCAATGAACAAGAACCAGCTGC
GAAATGGGCTGAGGCAGAGCGTGGTTCAGTCAGGCATGTTGGAAGCGGGAGTGGACAGGATCATTCTCA
AGTGGTCGACCCCAAACCTAAACCACATCTTCAGGCCACAGATAGAGCGAGCAATCCACGAGTTCCTGGCC
GCCCAGAAAAAAGAAGCTGTGCCAGTCCCCCTCCAGAACCTGAAGGCCAGGATCCTCCAGCGCCATCCC
AAGATGCTTCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001013854
Insert Size: 714 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001013854.1</u> , <u>NP_001013876.2</u>
RefSeq Size:	1486 bp
RefSeq ORF:	714 bp
Locus ID:	287173
UniProt ID:	<u>Q6AYJ2</u>
Cytogenetics:	10q12
Gene Summary:	Required for proper chromosome biorientation through the detection or correction of syntelic attachments in mitotic spindles.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the functional protein.